



## Inventor Name Search Result

Your Search was:

Last Name = VAINIO

First Name = JANNE

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">08375550</a>	<a href="#">5526366</a>	150	01/19/1995	SPEECH CODE PROCESSING	VAINIO, JANNE
<a href="#">08612934</a>	<a href="#">5862178</a>	150	06/20/1996	METHOD AND APPARATUS FOR SPEECH TRANSMISSION IN A MOBILE COMMUNICATIONS SYSTEM	VAINIO, JANNE
<a href="#">08809675</a>	<a href="#">6021385</a>	150	03/19/1997	SYSTEM FOR DETECTING DEFECTIVE SPEECH FRAMES IN A RECEIVER BY CALCULATING THE TRANSMISSION QUALITY OF AN INCLUDED SIGNAL WITHIN A GSM COMMUNICATION SYSTEM	VAINIO, JANNE
<a href="#">08821537</a>	<a href="#">6170073</a>	150	03/21/1997	METHOD AND APPARATUS FOR DIGITAL COMMUNICATION	VAINIO, JANNE
<a href="#">08849361</a>	<a href="#">6144936</a>	150	08/11/1997	METHOD FOR SUBSTITUTING BAD SPEECH FRAMES IN A DIGITAL COMMUNICATION SYSTEM	VAINIO, JANNE
<a href="#">08894676</a>	<a href="#">6230125</a>	150	01/05/1998	PROCESSING SPEECH CODING PARAMETERS IN A TELECOMMUNICATION SYSTEM	VAINIO, JANNE
<a href="#">09019656</a>	<a href="#">6470470</a>	150	02/06/1998	INFORMATION CODING METHOD AND DEVICES UTILIZING ERROR CORRECTION AND ERROR DETECTION	VAINIO, JANNE
<a href="#">09057680</a>	<a href="#">6178535</a>	150	04/09/1998	METHOD FOR DECREASING THE FRAME ERROR RATE IN DATA TRANSMISSION IN THE FORM OF DATA FRAMES	VAINIO, JANNE
<a href="#">09073697</a>	<a href="#">6199035</a>	150	05/06/1998	PITCH-LAG ESTIMATION IN SPEECH CODING	VAINIO, JANNE
<a href="#">09255894</a>	<a href="#">6791966</a>	150	02/23/1999	SIGNAL CODING	VAINIO, JANNE
<a href="#">09387369</a>	<a href="#">6658064</a>	150	08/31/1999	METHOD FOR TRANSMITTING BACKGROUND NOISE INFORMATION IN DATA TRANSMISSION IN DATA FRAMES	VAINIO, JANNE
<a href="#">09423391</a>	<a href="#">6792053</a>	150	11/08/1999	METHOD FOR ESTIMATING CHANNEL BIT ERROR RATIO, AND RECEIVER	VAINIO, JANNE
<a href="#">09505411</a>	<a href="#">6732070</a>	150	02/16/2000	WIDEBAND SPEECH CODEC USING A HIGHER SAMPLING RATE IN ANALYSIS AND SYNTHESIS FILTERING THAN IN EXCITATION SEARCHING	VAINIO, JANNE
<a href="#">09601827</a>	<a href="#">6850883</a>	150	09/06/2000	DECODING METHOD, SPEECH CODING PROCESSING UNIT AND A NETWORK ELEMENT	VAINIO, JANNE
<a href="#">09691323</a>	<a href="#">6691085</a>	150	10/18/2000	METHOD AND SYSTEM FOR ESTIMATING ARTIFICIAL HIGH BAND SIGNAL IN SPEECH CODEC USING VOICE ACTIVITY INFORMATION	VAINIO, JANNE
<a href="#">09691440</a>	<a href="#">6615169</a>	150	10/18/2000	HIGH FREQUENCY ENHANCEMENT LAYER CODING IN WIDEBAND SPEECH CODEC	VAINIO, JANNE
<a href="#">09702540</a>	<a href="#">6968309</a>	150	10/31/2000	METHOD AND SYSTEM FOR SPEECH FRAME ERROR CONCEALMENT IN SPEECH DECODING	VAINIO, JANNE
<a href="#">09730288</a>	<a href="#">6430721</a>	150	12/05/2000	METHOD FOR DECREASING THE FRAME ERROR RATE IN DATA TRANSMISSION IN THE FORM OF DATA FRAMES	VAINIO, JANNE
<a href="#">09797115</a>	Not Issued	61	03/01/2001	Speech decoder and a method for decoding speech	VAINIO, JANNE
<a href="#">09850889</a>	<a href="#">6782367</a>	150	05/08/2001	METHOD AND ARRANGEMENT FOR CHANGING SOURCE SIGNAL BANDWIDTH IN A TELECOMMUNICATION CONNECTION WITH MULTIPLE BANDWIDTH CAPABILITY	VAINIO, JANNE
<a href="#">09852127</a>	Not Issued	95	05/09/2001	AUDIBLE ERROR DETECTOR AND CONTROLLER	VAINIO, JANNE

				UTILIZING CHANNEL QUALITY DATA AND ITERATIVE SYNTHESIS	
<a href="#">09918300</a>	Not Issued	99	07/30/2001	SPECTRAL PARAMETER SUBSTITUTION FOR THE FRAME ERROR CONCEALMENT IN A SPEECH DECODER	VAINIO, JANNE
<a href="#">09970091</a>	<a href="#">6662155</a>	150	10/02/2001	METHOD AND SYSTEM FOR COMFORT NOISE GENERATION IN SPEECH COMMUNICATION	VAINIO, JANNE
<a href="#">10021748</a>	Not Issued	80	10/29/2001	Method and arrangement for providing optimal bit protection against transmission errors	VAINIO, JANNE
<a href="#">10040885</a>	Not Issued	95	01/02/2002	METHOD AND SYSTEM FOR ALLOCATING CONVOLUTIONAL ENCODED BITS INTO SYMBOLS BEFORE MODULATION FOR WIRELESS COMMUNICATION	VAINIO, JANNE
<a href="#">10262679</a>	Not Issued	30	09/30/2002	Method for stealing speech data frames for signalling purposes	VAINIO, JANNE
<a href="#">10311657</a>	Not Issued	30	12/16/2003	Speech coding	VAINIO, JANNE
<a href="#">10443652</a>	Not Issued	30	05/21/2003	Method and apparatus for puncturing with unequal error protection in a wireless communication system	VAINIO, JANNE
<a href="#">10732365</a>	Not Issued	30	12/11/2003	Multi-rate coding	VAINIO, JANNE
<a href="#">10804099</a>	<a href="#">6940967</a>	150	03/19/2004	MULTIRATE SPEECH CODECS	VAINIO, JANNE
<a href="#">10804104</a>	Not Issued	30	03/19/2004	Speech codecs	VAINIO, JANNE
<a href="#">10838641</a>	Not Issued	30	05/04/2004	Signal adaptation for higher band coding in a codec utilizing band split coding	VAINIO, JANNE
<a href="#">10891846</a>	Not Issued	20	07/14/2004	Excitation for higher band coding in a codec utilising band split coding methods	VAINIO, JANNE
<a href="#">11063664</a>	Not Issued	20	02/22/2005	Classification of audio signals	VAINIO, JANNE
<a href="#">11177250</a>	Not Issued	20	07/08/2005	Supporting a concatenative text-to-speech synthesis	VAINIO, JANNE
<a href="#">60014338</a>	Not Issued	159	03/29/1996	METHOD AND APPARATUS FOR DIGITAL COMMUNICATION	VAINIO, JANNE
<a href="#">60209860</a>	Not Issued	159	06/07/2000	Channel quality controlled signal level error concealment using re-synthesis	VAINIO, JANNE
<a href="#">60242498</a>	Not Issued	159	10/23/2000	Spectral parameter substitution for the frame error concealment in a speech decoder	VAINIO, JANNE
<a href="#">60253170</a>	Not Issued	159	11/27/2000	Comfort noise generation system utilizing stationarity information of background noise	VAINIO, JANNE
<a href="#">60260258</a>	Not Issued	159	01/08/2001	Allocation of convolutional encoded bits into symbols before modulation	VAINIO, JANNE
<a href="#">60333336</a>	Not Issued	159	11/26/2001	Novel method for stealing speech data frames for signaling purposes	VAINIO, JANNE
<a href="#">60390257</a>	Not Issued	159	06/18/2002	Adaptive puncturing algorithm utilizing unequal error protection scheme	VAINIO, JANNE
<a href="#">60484961</a>	Not Issued	159	07/03/2003	Signal energy adaptation for higher band coding in a codec utilising band split coding	VAINIO, JANNE

Inventor Search Completed: No Records to Display.

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<b>Search Another: Inventor</b>	<input type="text" value="vainio"/>	<input type="text" value="janne"/>	<input type="button" value="Search"/>

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Time: 12:27:18

## Inventor Name Search Result

Your Search was:

Last Name = ROTOLA

First Name = JANI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">08965303</a>	<a href="#">5960389</a>	150	11/06/1997	METHODS FOR GENERATING COMFORT NOISE DURING DISCONTINUOUS TRANSMISSION	ROTOLO-PUKKILA, JANI
<a href="#">09371332</a>	<a href="#">6606593</a>	150	08/10/1999	METHODS FOR GENERATING COMFORT NOISE DURING DISCONTINUOUS TRANSMISSION	ROTOLO-PUKKILA, JANI
<a href="#">09387369</a>	<a href="#">6658064</a>	150	08/31/1999	METHOD FOR TRANSMITTING BACKGROUND NOISE INFORMATION IN DATA TRANSMISSION IN DATA FRAMES	ROTOLO-PUKKILA, JANI
<a href="#">09505411</a>	<a href="#">6732070</a>	150	02/16/2000	WIDEBAND SPEECH CODEC USING A HIGHER SAMPLING RATE IN ANALYSIS AND SYNTHESIS FILTERING THAN IN EXCITATION SEARCHING	ROTOLO-PUKKILA, JANI
<a href="#">09691323</a>	<a href="#">6691085</a>	150	10/18/2000	METHOD AND SYSTEM FOR ESTIMATING ARTIFICIAL HIGH BAND SIGNAL IN SPEECH CODEC USING VOICE ACTIVITY INFORMATION	ROTOLO-PUKKILA, JANI
<a href="#">09691440</a>	<a href="#">6615169</a>	150	10/18/2000	HIGH FREQUENCY ENHANCEMENT LAYER CODING IN WIDEBAND SPEECH CODEC	ROTOLO-PUKKILA, JANI
<a href="#">09702540</a>	<a href="#">6968309</a>	150	10/31/2000	METHOD AND SYSTEM FOR SPEECH FRAME ERROR CONCEALMENT IN SPEECH DECODING	ROTOLO-PUKKILA, JANI
<a href="#">09797115</a>	Not Issued	61	03/01/2001	Speech decoder and a method for decoding speech	ROTOLO-PUKKILA, JANI
<a href="#">09850889</a>	<a href="#">6782367</a>	150	05/08/2001	METHOD AND ARRANGEMENT FOR CHANGING SOURCE SIGNAL BANDWIDTH IN A TELECOMMUNICATION CONNECTION WITH MULTIPLE BANDWIDTH CAPABILITY	ROTOLO-PUKKILA, JANI
<a href="#">09852127</a>	Not Issued	95	05/09/2001	AUDIBLE ERROR DETECTOR AND CONTROLLER UTILIZING CHANNEL QUALITY DATA AND ITERATIVE SYNTHESIS	ROTOLO-PUKKILA, JANI
<a href="#">09918300</a>	Not Issued	99	07/30/2001	SPECTRAL PARAMETER SUBSTITUTION FOR THE FRAME ERROR CONCEALMENT IN A SPEECH DECODER	ROTOLO-PUKKILA, JANI
<a href="#">09970091</a>	<a href="#">6662155</a>	150	10/02/2001	METHOD AND SYSTEM FOR COMFORT NOISE GENERATION IN SPEECH COMMUNICATION	ROTOLO-PUKKILA, JANI
<a href="#">10021748</a>	Not Issued	80	10/29/2001	Method and arrangement for providing optimal bit protection against transmission errors	ROTOLO-PUKKILA, JANI
<a href="#">10040885</a>	Not Issued	95	01/02/2002	METHOD AND SYSTEM FOR ALLOCATING CONVOLUTIONAL ENCODED BITS INTO SYMBOLS BEFORE MODULATION FOR WIRELESS COMMUNICATION	ROTOLO-PUKKILA, JANI
<a href="#">10311657</a>	Not Issued	30	12/16/2003	Speech coding	ROTOLO-PUKKILA, JANI
<a href="#">10426271</a>	Not Issued	41	04/30/2003	Method and apparatus for bluetooth communication with controllable familiar devices	ROTOLO-PUKKILA, JANI
<a href="#">60031047</a>	Not Issued	159	11/15/1996	METHODS FOR GENERATING COMFORT NOISE DURING DISCONTINUOUS TRANSMISSION	ROTOLO-PUKKILA, JANI
<a href="#">60031321</a>	Not Issued	159	11/19/1996	METHODS FOR GENERATING COMFORT NOISE DURING DISCONTINUOUS TRANSMISSION	ROTOLO-PUKKILA, JANI
<a href="#">60209860</a>	Not Issued	159	06/07/2000	Channel quality controlled signal level error concealment using re-synthesis	ROTOLO-PUKKILA, JANI
<a href="#">60242498</a>	Not Issued	159	10/23/2000	Spectral parameter substitution for the frame error concealment in a speech decoder	ROTOLO-PUKKILA, JANI
<a href="#">60253170</a>	Not Issued	159	11/27/2000	Comfort noise generation system utilizing stationarity	ROTOLO-PUKKILA, JANI

				information of background noise	
<a href="#">60260258</a>	Not Issued	159	01/08/2001	Allocation of convolutional encoded bits into symbols before modulation	ROTOLA-PUKKILA, JANI

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## Inventor Name Search Result

Your Search was:

Last Name = MIKKOLA

First Name = HANNU

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09068163</a>	<a href="#">6161085</a>	150	10/09/1998	METHOD AND ARRANGEMENT FOR ADDING A NEW SPEECH ENCODING METHOD TO AN EXISTING TELECOMMUNICATION SYSTEM	MIKKOLA, HANNU
<a href="#">09255894</a>	<a href="#">6791966</a>	150	02/23/1999	SIGNAL CODING	MIKKOLA, HANNU
<a href="#">09387369</a>	<a href="#">6658064</a>	150	08/31/1999	METHOD FOR TRANSMITTING BACKGROUND NOISE INFORMATION IN DATA TRANSMISSION IN DATA FRAMES	MIKKOLA, HANNU
<a href="#">09423391</a>	<a href="#">6792053</a>	150	11/08/1999	METHOD FOR ESTIMATING CHANNEL BIT ERROR RATIO, AND RECEIVER	MIKKOLA, HANNU
<a href="#">09505411</a>	<a href="#">6732070</a>	150	02/16/2000	WIDEBAND SPEECH CODEC USING A HIGHER SAMPLING RATE IN ANALYSIS AND SYNTHESIS FILTERING THAN IN EXCITATION SEARCHING	MIKKOLA, HANNU
<a href="#">09691323</a>	<a href="#">6691085</a>	150	10/18/2000	METHOD AND SYSTEM FOR ESTIMATING ARTIFICIAL HIGH BAND SIGNAL IN SPEECH CODEC USING VOICE ACTIVITY INFORMATION	MIKKOLA, HANNU
<a href="#">09691440</a>	<a href="#">6615169</a>	150	10/18/2000	HIGH FREQUENCY ENHANCEMENT LAYER CODING IN WIDEBAND SPEECH CODEC	MIKKOLA, HANNU
<a href="#">09702540</a>	<a href="#">6968309</a>	150	10/31/2000	METHOD AND SYSTEM FOR SPEECH FRAME ERROR CONCEALMENT IN SPEECH DECODING	MIKKOLA, HANNU
<a href="#">09797115</a>	Not Issued	61	03/01/2001	Speech decoder and a method for decoding speech	MIKKOLA, HANNU
<a href="#">09850889</a>	<a href="#">6782367</a>	150	05/08/2001	METHOD AND ARRANGEMENT FOR CHANGING SOURCE SIGNAL BANDWIDTH IN A TELECOMMUNICATION CONNECTION WITH MULTIPLE BANDWIDTH CAPABILITY	MIKKOLA, HANNU
<a href="#">09918300</a>	Not Issued	99	07/30/2001	SPECTRAL PARAMETER SUBSTITUTION FOR THE FRAME ERROR CONCEALMENT IN A SPEECH DECODER	MIKKOLA, HANNU
<a href="#">09970091</a>	<a href="#">6662155</a>	150	10/02/2001	METHOD AND SYSTEM FOR COMFORT NOISE GENERATION IN SPEECH COMMUNICATION	MIKKOLA, HANNU
<a href="#">10040885</a>	Not Issued	95	01/02/2002	METHOD AND SYSTEM FOR ALLOCATING CONVOLUTIONAL ENCODED BITS INTO SYMBOLS BEFORE MODULATION FOR WIRELESS COMMUNICATION	MIKKOLA, HANNU
<a href="#">10311657</a>	Not Issued	30	12/16/2003	Speech coding	MIKKOLA, HANNU
<a href="#">10804104</a>	Not Issued	30	03/19/2004	Speech codecs	MIKKOLA, HANNU
<a href="#">11063664</a>	Not Issued	20	02/22/2005	Classification of audio signals	MIKKOLA, HANNU
<a href="#">11180316</a>	Not Issued	30	07/12/2005	Correcting a pronunciation of a synthetically generated speech object	MIKKOLA, HANNU
<a href="#">60209860</a>	Not Issued	159	06/07/2000	Channel quality controlled signal level error concealment using re-synthesis	MIKKOLA, HANNU
<a href="#">60242498</a>	Not Issued	159	10/23/2000	Spectral parameter substitution for the frame error concealment in a speech decoder	MIKKOLA, HANNU
<a href="#">60253170</a>	Not Issued	159	11/27/2000	Comfort noise generation system utilizing stationarity information of background noise	MIKKOLA, HANNU
<a href="#">60260258</a>	Not Issued	159	01/08/2001	Allocation of convolutional encoded bits into symbols before modulation	MIKKOLA, HANNU
<a href="#">09852127</a>	Not Issued	95	05/09/2001	AUDIBLE ERROR DETECTOR AND CONTROLLER UTILIZING CHANNEL QUALITY DATA AND	MIKKOLA, HANNU J.

				ITERATIVE SYNTHESIS	
 10021748	Not Issued	80	10/29/2001	Method and arrangement for providing optimal bit protection against transmission errors	MIKKOLA, HANNU J.
 10443652	Not Issued	30	05/21/2003	Method and apparatus for puncturing with unequal error protection in a wireless communication system	MIKKOLA, HANNU J.
<u>10891846</u>	Not Issued	20	07/14/2004	Excitation for higher band coding in a codec utilising band split coding methods	MIKKOLA, HANNU J.
<u>60390257</u>	Not Issued	159	06/18/2002	Adaptive puncturing algorithm utilizing unequal error protection scheme	MIKKOLA, HANNU J.

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